

Fig. 1

Formulation components and physical properties of substrate materials synthesized in examples and the comparative example

	Syı	Synthetic resin	sin								
	Epoxy resin of cresol novolac type(g)	Epoxy resin of Retardant Solvent, cresol (g) DMF novolac (g) type(g)	Solvent, DMF (g)	Diglycidyl ether of bisphenol A epoxy resin(g)	Hardener A1(OH) ₃ A1 ₂ 0 ₃ Solvent Tg K DDS(g) (g) (g) DMF(g) (TMA, C)(W/m * C)	A1(0H) ₃	A1 ₂ 0 ₃ (g)	Solvent DMF(g)	Tg (TMA, °C)	K (W/m *°C)	UL 94
Example 1	530	453. 2	245.8	912. 3g	369. 7	369.7 1372 484.2 645.6	484. 2	645.6	165	7.3	Λ0
Example 2	530	453. 2	245.8	912.3g	369.7	369. 7 1856. 2		645.6	645.6 161	3.1	0A
Comparative example	530	453. 2	245.8	912. 3g	369. 7			645.6			V2

Fig. 2